

ABSTRACT

An aircraft tire, inflated to high pressure, with a tread, a crown reinforcement and a radial carcass reinforcement including at least two axially inner plies formed of textile reinforcement elements, said two plies being wound around at least one bead wire within each bead from the inside to the outside, forming upturns and at least one axially outer ply of textile elements which is superposed radially on the inner plies beneath the crown reinforcement to extend along the upturns of said inner plies in the beads, wherein the radial reinforcement elements of all the plies of the carcass reinforcement are cables formed by plying at least one yarn having a modulus of elasticity in tension at least equal to 2000 cN/tex, with a yarn, whether overtwisted or not, having an modulus of elasticity in tension at most equal to 1500 cN/tex, said moduli of elasticity of said yarns being measured for a tensile force equal to 0.1 times the breaking load of a yarn.